| L Number | Hits      | Search Text  | DB        | Time stamp       |
|----------|-----------|--|-----------|------------------|
| 1        | 374       | 422/\$.ccls. and (hydrotreat\$ (hydro adj treat\$))  | USPAT;    | 2004/09/13 10:02 |
|          |           |  | US-PGPUB; |                  |
|          |           |  | EPO; JPO; |                  |
|          |           |  | DERWENT   |                  |
| 2        | 87        | 422/187-190.ccls. and (hydrotreat\$ (hydro adj treat\$))   | USPAT;    | 2004/09/13 10:03 |
|          |           |  | US-PGPUB; |                  |
|          |           |  | EPO; JPO; |                  |
|          |           |  | DERWENT   |                  |
| 3        | 94        | 422/187-190.ccls. and (desulf\$ and hydrogen)  | USPAT;    | 2004/09/13 10:03 |
| 1        |           |  | US-PGPUB; | 1                |
|          |           |  | EPO; JPO; |                  |
| 1        | 7.5       | 505/050  | DERWENT   |                  |
| -        | 75<br>284 | 585/259.ccls.  | USOCR     | 2004/02/25 15:23 |
| -        | ∠04       | 585/259.ccls.  | USPAT;    | 2004/02/25 15:22 |
|          |           |  | US-PGPUB; |                  |
| l        |           |  | EPO; JPO; |                  |
| _        | 26        | 585/250 cols, and (authur authur)  | DERWENT   |                  |
| _        | 95 i      | 585/259.ccls. and (sulfur sulphur) 585/259.ccls. and (sulphur\$ sulfur\$)  | USOCR     | 2004/02/25 15:23 |
| 1        | 33        | 303/239.ccis. and (sulphura sulfura)   | USPAT;    | 2004/02/25 15:38 |
|          |           |  | US-PGPUB; |                  |
|          |           |  | EPO; JPO; | 1                |
| 1_ ]     | 176       | 208/57.ccls. and (sulphur\$ sulfur\$)  | DERWENT   |                  |
| ] [      |           | 200/07:0013. and (Sulphul Sullul Sull | USPAT;    | 2004/02/25 15:39 |
|          | İ         |  | US-PGPUB; |                  |
|          |           |  | EPO; JPO; |                  |
| -        | 126       | 208/57.ccls. and (sulphur\$ sulfur\$)  | DERWENT   | 2004/00/05 40 65 |
| ] -      | 139       | 208/210.ccls.  | USOCR     | 2004/02/25 16:27 |
| -        | 9         | 3133013.URPN.  | USPAT     | 2004/02/25 16:27 |
|          |           |  | USPAI     | 2004/02/25 16:45 |

| L Number | Hits      | Search Text   | DB                     | Time stamp                           |
|----------|-----------|---|------------------------|--------------------------------------|
| -        | 2         | 6007704.pn.   | USPAT;                 | 2002/08/07 11:02                     |
|          |           |   | US-PGPUB;              |                                      |
|          |           | }   | EPO; JPO;              |                                      |
|          | i         |   | DERWENT                |                                      |
| -        | 1         | 1998-181216.NRAN.   | DERWENT                | 2002/08/07 11:02                     |
| -        | 11        | ("2025255"   "2270667"   "2983669"   "3341448"   "3424673"  | USPAT                  | 2002/08/07 11:09                     |
|          |           | "3957625"   "4990242"   "5064525"   "5290427"   "5318690"   |                        |                                      |
|          | _         | "5364998").PN   |                        |                                      |
| -        | 2         | ("4337329"   "4602000").PN.   | USPAT                  | 2002/08/07 17:37                     |
| -        | 23        |   | USPAT                  | 2002/08/07 17:37                     |
| -        | 446       | 196/46.ccls.  | USPAT;                 | 2002/08/08 10:19                     |
|          | 1         |   | US-PGPUB;              |                                      |
|          |           |   | EPO; JPO;              |                                      |
|          | 40        | 400/40  | DERWENT                |                                      |
| -        | 10        | 196/46.ccls. and (hydrodesulfurization hydrodesulfurisation   | USPAT;                 | 2002/08/08 10:20                     |
|          |           | desulfur\$7 hydrodesulf\$7)   | US-PGPUB;              |                                      |
|          |           |   | EPO; JPO;              |                                      |
| _        | 8         | ("2750924"   "2767560"   "2057605"     "4040540"     "4000760"  | DERWENT                |                                      |
| -        | •         | ("3759821"   "3767568"   "3957625"   "4049542"   "4062762"  | USPAT                  | 2002/08/08 10:48                     |
| _        | 3         | "4753720"   "4827076"   "5143596").PN.<br>  ("1939633"   "2070295"   "3957625").PN.   | LICDAT                 | 0000/00:55                           |
| _        | 207       | 44/435.ccls.  | USPAT                  | 2002/08/08 10:49                     |
|          | 201       | , TIOU.0015.  | USPAT;                 | 2002/08/08 10:56                     |
|          |           |   | US-PGPUB;              |                                      |
|          |           |   | EPO; JPO;              |                                      |
| _        | 4         | 44/435.ccls. and apparatus  | DERWENT<br>USPAT;      | 2000/00/00 40.50                     |
|          | ' .       | Throo.cois. and apparatus   |                        | 2002/08/08 10:56                     |
|          |           |   | US-PGPUB;              |                                      |
|          |           |   | EPO; JPO;<br>  DERWENT |                                      |
| _        | 2         | 2070295.URPN.   | USPAT                  | 2002/09/09 40:57                     |
| _        | 1         | 2025255.URPN.   | USPAT                  | 2002/08/08 10:57<br>2002/08/08 10:59 |
| _        | 2         | 3424673.URPN.   | USPAT                  | 2002/08/08 10:59                     |
| -        | 90        | 408/189.ccls.   | USPAT;                 | 2002/08/08 11:49                     |
|          |           |   | US-PGPUB:              | 2002/00/00 13.17                     |
|          |           |   | EPO; JPO;              |                                      |
|          |           |   | DERWENT                |                                      |
| -        | 89        | 408/189.ccls. and @py<=1997   | USPAT;                 | 2002/08/08 13:18                     |
|          |           |   | US-PGPUB;              | 2002/00/00 10:10                     |
|          |           |   | EPO; JPO;              |                                      |
|          | !         |   | DERWENT                |                                      |
| -        | 164       | 208/189.ccls.   | USPAT;                 | 2002/08/08 13:18                     |
|          |           |   | US-PGPUB;              |                                      |
|          |           |   | EPO; JPO;              |                                      |
|          |           | 000400  | DERWENT                |                                      |
| -        | 63        | 208/189.ccls. and (sulfur\$7 desulfur\$7)   | USPAT;                 | 2002/08/08 13:39                     |
|          |           |   | US-PGPUB;              |                                      |
|          |           |   | EPO; JPO;              |                                      |
|          |           | 4202046 LIDDN   | DERWENT                |                                      |
| -        | 2  <br>12 | 4383916.URPN.   | USPAT                  | 2002/08/08 13:23                     |
| -        | 12        | ("2740747"   "2764754"   "2769757"   "2800427"   "2988500"  | USPAT                  | 2002/08/08 13:23                     |
|          |           | "3108081"   "3551324"   "3783125"   "3894107"   "4156641"   "4208271"   "4383916").PN.  |                        |                                      |
|          | 56        | 4208271   4383916 ).PN.<br>2988500.URPN.  | LICDAT                 | 0000/00/00                           |
| _ '      | 1         | 2986300.ORPN.<br>208/218.ccls.  | USPAT                  | 2002/08/08 13:26                     |
| _        | 07.1      | 200/2 (0.0015)  | USPAT;                 | 2002/08/08 14:30                     |
| -        | -         |   | US-PGPUB:              |                                      |
| -        |           | j   | •                      | ļ .                                  |
| -        |           |   | EPO; JPO;              |                                      |
| -        |           | ("3671603"   "3699036"   "3884084"   "4055402"   "4422502"  | EPO; JPO;<br>DERWENT   | 2002/20/22 42 43                     |
| -        | 32        | ("3671603"   "3699036"   "3884984"   "4055483"   "4123502"   "4194964"   "4213847"   "4232177"   "4451607"   "4486297"  | EPO; JPO;              | 2002/08/08 13:41                     |
| -        |           | "4194964"   "4213847"   "4232177"   "4451607"   "4486297"   | EPO; JPO;<br>DERWENT   | 2002/08/08 13:41                     |
| -        |           | "4194964"   "4213847"   "4232177"   "4451607"   "4486297"   "4676887"   "4690806"   "4731229"   "4827076"   "4941968"   | EPO; JPO;<br>DERWENT   | 2002/08/08 13:41                     |
| -        |           | "4194964"   "4213847"   "4232177"   "4451607"   "4486297"   "4676887"   "4690806"   "4731229"   "4827076"   "4941968"   "4990242"   "5009770"   "5073236"   "5084259"   "5124027" | EPO; JPO;<br>DERWENT   | 2002/08/08 13:41                     |
| -        |           | "4194964"   "4213847"   "4232177"   "4451607"   "4486297"   "4676887"   "4690806"   "4731229"   "4827076"   "4941968"   | EPO; JPO;<br>DERWENT   | 2002/08/08 13:41                     |

| -   | 11  | 1 (   | USPAT                  | 2002/08/08 13:46                        |
|-----|-----|---|------------------------|---|
|     |     | "4049542"   "4062762"   "4738766"   "4753720"   "4827076"   | ļ                      |   |
|     |     | "5143596").PN   |                        |   |
| -   | 8   | 5320742.URPN.   | USPAT                  | 2002/08/08 13:47                        |
| -   | 12  | 1 ( 11 10 10 10 10 10 10 10 10 10 10 10 10  | USPAT                  | 2002/08/08 13:49                        |
| İ   |     | "5318680"   "5318690"   "5320742"   "5401391"   "5409596"   "5482617"   "5895828").PN.                                    |                        |   |
| -   | 2   |   | LICDAT                 | 0000/00/00 40                           |
| _   | 32  |   | USPAT                  | 2002/08/08 13:51                        |
|     |     | "4113603"   "4123502"   "4194964"   "4451607"   "4486297"   | USPAT                  | 2002/08/08 13:52                        |
|     | į   | "4676887"   "4690806"   "4731229"   "4827076"   "4941968"   |                        |   |
|     |     | "4990242"   "5009770"   "5073236"   "5084259"   "5124027"   | }                      |   |
|     |     | "5154817"   "5266546"   "5290427"   "5320742"   "5321163"   |                        |   |
| Ì   | ļ   | "5322615"   "5348641"   "5431888"   "5431890"   "5510568"   |                        |   |
| ļ   | 10  | "5595634"   "5597476").PN.  |                        |   |
| -   | 12  |   | USPAT                  | 2002/08/08 14:29                        |
|     |     | "3671420"   "3691152"   "3830731"   "3843508"   "3902991"  <br>  "4006076"   "4062762").PN.                               |                        |   |
| _   | 1   | 208/218.ccls. and 208/189.ccls.   |                        |   |
|     | '   | 2007210.0015. and 2007109.0015.   | USPAT;                 | 2002/08/08 14:36                        |
|     |     |   | US-PGPUB;<br>EPO; JPO; |   |
|     | Ì   |   | DERWENT                |   |
| -   | 10  | 208/218.ccls. and (sweet\$5 oxidi\$6)   | USPAT:                 | 2002/08/08 14:42                        |
|     |     | <u> </u>  | US-PGPUB:              |   |
|     |     |   | EPO; JPO;              |   |
| ļ   | 404 | 000400  | DERWENT                |   |
| -   | 164 | 208/189.ccls.   | USPAT;                 | 2002/08/08 14:42                        |
|     |     |   | US-PGPUB;              |   |
| ļ   |     |   | EPO; JPO;              |   |
| -   | 146 | 208/189.ccls. and @py<=1996   | DERWENT                | 0000/00/00 45 45                        |
| 1   | 1   | 2007 100.0000. und @py 1 1000   | USPAT;<br>US-PGPUB;    | 2002/08/08 15:46                        |
|     |     |   | EPO; JPO;              |   |
|     |     |   | DERWENT                |   |
| ] - | 1   | 2674566.URPN.   | USPAT                  | 2002/08/08 15:02                        |
| -   | 2   | 5064525.pn.   | USPAT;                 | 2002/08/08 18:20                        |
| 1   | ]   |   | US-PGPUB;              |   |
|     |     |   | EPO; JPO;              |   |
| _   | 3   | 5064525.URPN.   | DERWENT                |   |
| _   | 15  |   | USPAT                  | 2002/08/08 15:47                        |
| İ   |     | ("2740747"   "2769759"   "2918426"   "2966453"   "3252892"  <br>"3980582"   "4019869"   "4201626"   "4290913"   "4490246" | USPAT                  | 2002/08/08 15:48                        |
| ]   |     | "4491565"   "4753722"   "4897175"   "4908122"   |                        |   |
|     |     | "4913802").PN.  |                        |   |
| -   | 6   | 4897175.ÚRPN.   | USPAT                  | 2002/08/08 15:55                        |
| _   | 10  | ("2779711"   "2793986"   "2880166"   "3050459"   "3072564"  | USPAT                  | 2002/08/08 15:55                        |
|     | 1   | "3112259"   "3162597"   "3172839"   "3189540"   |                        |   |
|     | [   | "3281352").PN   |                        |   |
| -   | 2   | 4897175.pn.   | USPAT;                 | 2002/08/08 18:21                        |
|     |     |   | US-PGPUB;              |   |
|     | 1   |   | EPO; JPO;              |   |
| _   | 1   | 3424673.pn.   | DERWENT                |   |
| _   |     | 2025255.pn. 2270667.pn. 2983669.pn. 3424673.pn.   | USPAT                  | 2002/08/09 11:59                        |
|     |     | 3957625.pn. 4990242.pn. 5064525.pn. 5290427.pn.   | USPAT;<br>US-PGPUB:    | 2003/03/06 15:02                        |
|     | ]   | 5318690.pn. 3341448.pn. 5364998.pn.   | EPO; JPO;              | }                                       |
|     | ĺ   | • • • • • • • • • • • • • • • • • • •   | DERWENT                |   |
| -   | 1   | de-1470487-\$.did.  | USPAT;                 | 2003/03/06 15:06                        |
|     |     |   | US-PGPUB;              | 1 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - |
|     |     |   | EPO, JPO;              |   |
| _   | 4   | (fractionation areas had a second   | DERWENT                |   |
| -   | 1   | (fractionation same hydrotreat\$ same strip\$) and (sweet\$)  | USPAT;                 | 2003/03/06 15:53                        |
|     |     | and (selective with hydrogenation)  | US-PGPUB;              |   |
|     | ļ . |   | EPO; JPO;              | }                                       |
|     |     |   | DERWENT                |   |

|   | <del></del> |   |                      |                                      |
|---|-------------|---|----------------------|--------------------------------------|
| - | 11          | ("2025255"   "2270667"   "2983669"   "3341448"   "3424673"   "3957625"   "4990242"   "5064525"   "5290427"   "5318690"   "5364998").PN.   | USPAT                | 2003/03/06 15:52                     |
| - | 11          | (fractionation and hydrotreat\$ and strip\$) and (sweet\$) and (selective with hydrogenation)   | USPAT;<br>US-PGPUB;  | 2003/03/06 15:59                     |
|   |             |   | EPO; JPO;            |                                      |
| _ | 307         | 208/212.ccls.   | DERWENT<br>USPAT;    | 2003/03/06 15:59                     |
|   |             | 200/272.0000  | US-PGPUB;            | 2003/03/00 15.59                     |
|   |             |   | EPO; JPO;            |                                      |
| _ | 252         | 208/212.ccls. and @py<=1998   | DERWENT              | 2002/02/02 40.00                     |
|   | 202         | 200/212.0013. and @py \= 1330   | USPAT;<br>US-PGPUB;  | 2003/03/06 16:00                     |
|   |             | ·   | EPO; JPO;            |                                      |
|   | 87          | (209/242 colo and @nucr4000) and budgets 40   | DERWENT              |                                      |
| - | 07          | (208/212.ccls. and @py<=1998) and hydrotreat\$  | USPAT;<br>US-PGPUB;  | 2003/03/06 16:43                     |
|   |             |   | EPO; JPO;            |                                      |
|   |             | (1075000411-11070750011-1100577071-11005770711-110057070711-110057070711-110057070711-110057070711-110057070711-110057070711-110057070711-11005707070711-1100570707070707070707070707070707070707 | DERWENT              |                                      |
| - | 8           | ("3759821"   "3767568"   "3957625"   "4049542"   "4062762"  <br>  "4753720"   "4827076"   "5143569").PN.  | USPAT                | 2003/03/06 16:26                     |
| - | 9           | (208/212.ccls. and @py<=1998) and hydrodesulf\$ not   | USPAT;               | 2003/03/06 16:50                     |
|   |             | hydrotreat\$  | US-PGPUB;            |                                      |
|   |             |   | EPO; JPO;            |                                      |
| - | 7           | 3617525.URPN.   | DERWENT<br>USPAT     | 2003/03/06 16:45                     |
| - | 72          | 208/189.ccls. and (hydrotreat\$ hydrodesulf\$ sulfur\$)   | USPAT;               | 2003/03/06 16:52                     |
|   |             |   | US-PGPUB;            |                                      |
|   |             |   | EPO; JPO;<br>DERWENT |                                      |
| - | 4           | 4208271.URPN.   | USPAT                | 2003/03/06 17:03                     |
| - | 3           | 5064525.URPN.   | USPAT                | 2003/03/06 17:17                     |
| - | 15          | ("2740747"   "2769759"   "2918426"   "2966453"   "3252892"  <br>"3980582"   "4019869"   "4201626"   "4290913"   "4490246"   | USPAT                | 2003/03/06 17:18                     |
|   |             | "4491565"   "4753722"   "4897175"   "4908122"   |                      |                                      |
| İ | 10          | "4913802").PN.  |                      |                                      |
| _ | 12          | 585/259-262.ccls. and ((fraction\$ cut) same (hydrotreat\$ desulfur\$ (sulfur with remov\$)) same (strip\$ (sulfide with  | USPAT                | 2003/03/07 11:22                     |
|   |             | remov\$)))  |                      |                                      |
| - | 22          | ("2493499"   "2717202"   "3186935"   "3531542"   "3839486"  | USPAT                | 2003/03/07 11:12                     |
|   |             | "4213847"   "4221653"   "4232177"   "4293728"   "4361422"  <br>"4396790"   "4404124"   "4417089"   "4439350"   "4533779"  |                      |                                      |
|   |             | "4724274"   "4740663"   "5012021"   "5087780"   "5281753"   |                      |                                      |
|   | 20          | "5321163"   "5431888").PN.  |                      |                                      |
| - | 30<br>799   | 208/192.ccls.<br>208/210-212,218.ccls.  | USPAT<br>USPAT       | 2003/03/07 11:34                     |
| - | 61          | 208/210-212,218.ccls. and (frac\$ and (hydrotreat\$   | USPAT                | 2003/03/07 11:34<br>2003/03/07 11:34 |
|   |             | hydrodesulf\$) and sweet\$)   |                      |                                      |
| - | 53          | 208/210-212,218.ccls. and (fractionat\$ and (hydrotreat\$ hydrodesulf\$) and sweet\$)   | USPAT                | 2003/03/07 12:56                     |
| - | 2           | 4973396.URPN.   | USPAT                | 2003/03/07 11:49                     |
| - | 243         | 585/259.ccls.   | USPAT                | 2003/03/07 12:56                     |
|   | 37<br>132   | 585/259.ccls. and (hydrotreat\$ hydrodesulf\$)<br>(fraction\$ cut\$ distill\$) same (hydrogenat\$) same   | USPAT                | 2003/03/07 15:18                     |
|   | 102         | (hydrotreat\$ hydrodesulf\$) same (strip\$ scrub\$ (sulfide with  | USPAT;<br>US-PGPUB;  | 2003/03/07 16:50                     |
|   |             | remov\$)) and (208/\$.ccls. 585/\$.ccls. 422/\$.ccls.)  | EPO; JPO;            |                                      |
| _ | 11          | ("2304751"   "3000816"   "3004490"   "2457400"   "20002070"   | DERWENT              |                                      |
|   | ''          | ("2394751"   "3000816"   "3094480"   "3457163"   "3623973"  <br>"3642927"   "3756944"   "3948763"   "3953321"   "4013545"   | USPAT                | 2003/03/07 16:02                     |
|   |             | "4111796").PN.  |                      |                                      |
| - | 5<br>6      | 3457163.URPN.   | USPAT                | 2003/03/07 16:20                     |
|   |             | 4486297.URPN.   | USPAT                | 2003/03/07 16:34                     |

| -   | 1   | (fraction\$ cut\$ distill\$) same (hydrogenat\$) same   | USPAT;                 | 2003/03/07 16:52                      |
|-----|-----|---|------------------------|---------------------------------------|
|     |     | (hydrotreat\$ hydrodesulf\$) same (strip\$ scrub\$ (sulfide with  | US-PGPUB;              |                                       |
|     |     | remov\$)) and (208/\$.ccls. 585/\$.ccls. 422/\$.ccls.) and  | EPO; JPO;              |                                       |
|     | 8   | (sweet\$ same (caustic and (oxidiz\$ oxida\$)))   | DERWENT                |                                       |
| ~   | 1 0 | (hydrotreat\$ hydrodesulf\$) same (strip\$ scrub\$ (sulfide with remov\$)) and (208/\$.ccls. 585/\$.ccls. 422/\$.ccls.) and | USPAT;                 | 2003/03/07 16:53                      |
| 1   |     | (sweet\$ same (caustic and (oxidiz\$ oxida\$)))   | US-PGPUB;              |                                       |
|     |     | (Sweeth same (causile and (oxidizh oxidah)))  | EPO; JPO; DERWENT      |                                       |
| l - | 3   | 4486297.pn. 3457163.pn.   | USPAT;                 | 2003/03/07 19:28                      |
|     |     | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | US-PGPUB;              | 2003/03/07 19.28                      |
|     | 1   |   | EPO; JPO;              |                                       |
|     |     |   | DERWENT                |                                       |
| -   | 173 | 208/189.ccls.   | USPAT:                 | 2003/03/07 19:28                      |
|     |     |   | US-PGPUB;              |                                       |
|     |     |   | EPO; JPO;              |                                       |
|     |     | 0004400   | DERWENT                |                                       |
| -   | 2   | 208/189.ccls. and (oxidant\$ oxidiz) and caustic  | USPAT;                 | 2003/03/07 19:30                      |
|     |     |   | US-PGPUB;              |                                       |
|     |     |   | EPO; JPO;              |                                       |
| _   | 5   | 208/189.ccls. and ((oxida\$ oxidi\$) and (hydrotreat\$  | DERWENT                | 0000/00/00                            |
|     |     | hydrodesulf\$) and strip\$)   | USPAT;                 | 2003/03/08 13:29                      |
|     |     | Τηναιουσσαιφή από στηρφή  | US-PGPUB;              |                                       |
|     |     |   | EPO; JPO;<br>DERWENT   |                                       |
| -   | 1   | ("H.sub.2" adj "S") with (oxida\$ oxidi\$) and (208/189.ccls.)  | USPAT;                 | 2003/03/08 13:34                      |
|     |     | (   | US-PGPUB;              | 2003/03/00 13.34                      |
|     |     |   | EPO; JPO;              |                                       |
|     |     |   | DERWENT                |                                       |
| -   | 18  | (208/209-212.ccls. 208/189-207.ccls.) and ((hydrotreat\$  | USPAT;                 | 2003/03/08 13:35                      |
|     |     | hydrodesulf\$) and (sweeten\$ same (oxidi\$ oxida\$)))  | US-PGPUB;              |                                       |
|     | 1   |   | EPO; JPO;              |                                       |
|     | 10  | (10.4.0.4.4.0.1)   11.0.0.4.0.0.1   | DERWENT                |                                       |
| -   | 12  | ["3184402"   "3240694"   "3779897"   "3816296"   "3869378"  | USPAT                  | 2003/03/08 13:50                      |
|     |     | "3873442"   "4082647"   "4298458"   "4755280"   "4756822"  <br>  "4780193"   "4789457").PN.                                 |                        |                                       |
| _   | 1   | hydrotreat\$ same strip\$ same (mercap\$ with (oxida\$ oxidi\$))  | LIODAT                 | 00001001001                           |
|     | '   | and (208/\$.ccls. 585/\$.ccls.)   | USPAT;                 | 2003/03/08 14:01                      |
|     | -   | (200/4.0010.)   | US-PGPUB;<br>EPO; JPO; |                                       |
|     |     | ·   | DERWENT                |                                       |
| -   | 25  | hydrotreat\$ same (mercap\$ with (oxida\$ oxidi\$)) and   | USPAT;                 | 2003/03/08 14:05                      |
|     |     | (208/\$.ccls. 585/\$.ccls.)   | US-PGPUB;              | 2000/00/00 11:00                      |
|     |     |   | EPO; JPO;              |                                       |
|     |     |   | DERWENT                |                                       |
| -   | 2   | 4990242.pn.   | USPAT;                 | 2003/03/08 14:15                      |
|     |     |   | US-PGPUB;              |                                       |
|     |     |   | EPO; JPO;              |                                       |
| _   | 12  | <br>  ("2892774"   "2927894"   "2020957"   "2050457"   "00077200"   | DERWENT                | 0000/00/00                            |
|     | '2  | ("2892774"   "2927891"   "2938857"   "3050457"   "3607723"  <br>"3671420"   "3691152"   "3830731"   "3843508"   "3902991"   | USPAT                  | 2003/03/08 14:05                      |
|     |     | 30/1420   30911521  3830/311  38435081  39029911  <br>  "4006076"   "4062762").PN.  |                        |                                       |
| _   | 148 | (sweeten\$ with (oxida\$ oxidi\$)) and (208/\$.ccls.)   | LICDAT.                | 2002/02/00 44:42                      |
|     |     | (20014.0015.)   | USPAT;<br>US-PGPUB;    | 2003/03/08 14:16                      |
|     |     |   | EPO; JPO;              |                                       |
|     |     |   | DERWENT                |                                       |
| -   | 8   | 3847800.URPN.   | USPAT                  | 2003/03/08 14:25                      |
| -   | 7   | 208/255.ccls. and (hydrotreatment)  | USPAT:                 | 2003/03/08 15:34                      |
|     |     | ·   | US-PGPUB;              | 1111111111111111111111111111111111111 |
|     |     |   | EPO; JPO;              |                                       |
|     |     | 400/0   | DERWENT                |                                       |
| -   | 85  | 422/\$.ccls. and (desulfur\$ desulphur\$ hydrodesulfur\$  | USPAT;                 | 2004/02/24 16:02                      |
| i   |     | hydrodesulph\$ hydrotreat\$) and (selective with hydrogen\$)  | US-PGPUB;              |                                       |
|     |     |   | EPO; JPO;              |                                       |
| _   | 8   | 422/\$ cole and /deculture decut to the transfer  | DERWENT                |                                       |
| -   |     | 422/\$.ccls. and (desulfur\$ desulphur\$ hydrodesulfur\$  | USOCR                  | 2004/02/24 16:02                      |
|     | L   | hydrodesulph\$ hydrotreat\$) and (selective with hydrogen\$)  |                        |                                       |

| -          | 914 | 208/218,210,211,212.ccls.                                   | USPAT;    | 2004/02/24 16:15 |
|------------|-----|---|-----------|------------------|
| İ          |     |   | US-PGPUB; |                  |
|            |     |   | EPO; JPO; |                  |
|            |     |   | DERWENT   |                  |
| -          | 117 | 208/218,210,211,212.ccls. and (selective\$ with hydrogen\$) | USPAT;    | 2004/02/24 16:15 |
|            |     |   | US-PGPUB; | ł                |
|            |     |   | EPO; JPO; |                  |
|            | i   |   | DERWENT   |                  |
| -          | 373 | 208/218,210,211,212.ccls.                                   | USOCR     | 2004/02/24 16:15 |
| <b> </b> - | 60  | 208/218,210,211,212.ccls. and (selective\$ with hydrogen\$) | USOCR     | 2004/02/24 16:16 |
| _          | 2   | 3239454.URPN.   | USPAT     | 2004/02/24 16:47 |